ORIGINAL INSTRUCTIONS

CAUTION – READ THESE INSTRUCTIONS BEFORE USING THE MACHINE

User instructions

Orbis - OB431500, OB501500

Mains powered floor burnishers

03-8229-0000 Iss.1

CE

TRUVOX INTERNATIONAL
A Tacony Company

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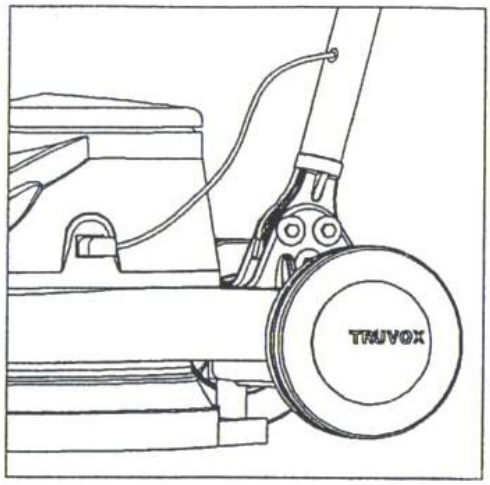
Diagrams



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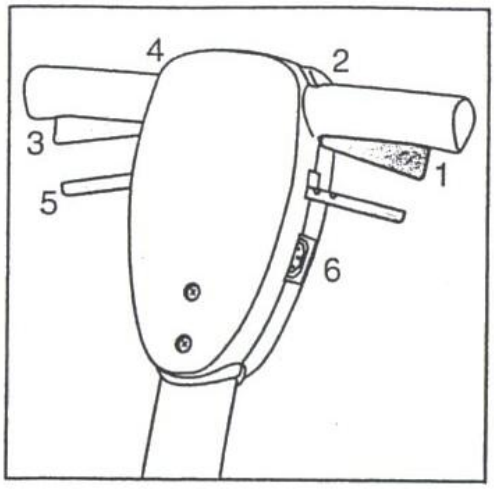

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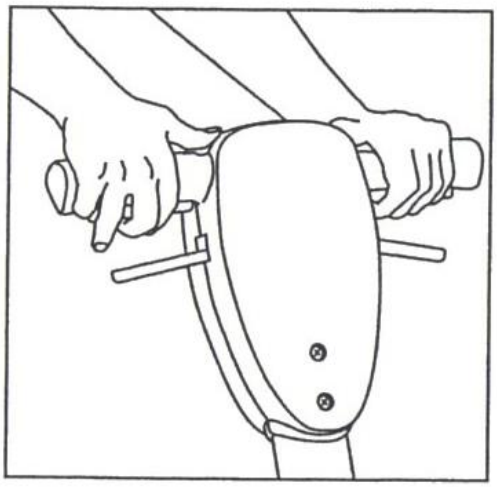

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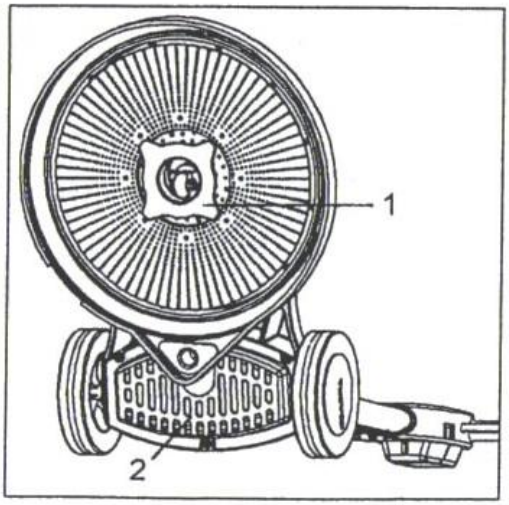

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IMPORTANT
BEFORE USE READ THESE INSTRUCTIONS AND RETAIN FOR FUTURE REFERENCE

1 Product Information

These commercial floor treatment machines are designed for the high speed polishing and burnishing of hard floors in indoor areas. A passive dust control system is supplied as standard with each model.

This machine must only be used for the manufacturer's approved application. **Do not use** the machine where it is suspected that the carpet, floor or upholstery contains health endangering dust or debris such as asbestos or chemical waste. If this is suspected **do not proceed**, contact your supervisor, supplier or Truvox International for advice.

The following instructions contain important information about the machine and safety advice for the operator.

Equipment must be operated, serviced and maintained in accordance with the manufacturer's instructions. **If in doubt contact the supplier of your machine.**

NOTE - To protect the machine from possible damage during transit, the machine base and handle are packed seperately. Ensure that both items are present and follow the simple assembly instructions to bring the machine into service.

These instructions are valid for the following models:

OB431500, OB501500

1.1 Important Safety Advice

When using electrical equipment basic safety precautions should be followed including the following.

- Read all instructions carefully before use.
- This appliance is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops, offices and rental businesses.
- This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the machine by a person responsible for their safety.
- Keep children and unauthorised persons away from the machine when in use.
- Before using the appliance, check that the mains power voltage corresponds with the voltage shown on the rating plate.
- All parts are to be positioned as indicated in the instructions before using the machine.
- Do not operate the machine if it malfunctions or is damaged in any way. Contact an authorised service agent for repair or adjustment.
- Do not operate switches or touch the mains plug with wet hands as this may cause electric shock.
- When unplugging pull the plug, not the supply cord.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull around sharp edges or corners.
- Keep hair, loose clothing, fingers and all parts of body away from openings and moving parts.
- Keep cord away from heated surfaces.
- Do not use where hazardous dust is present.
- Do not use in an explosive atmosphere.
- Do not pick up oil or other flammable material.
- Do not use to pick up moisture or any liquids.
- Do not leave the machine connected to the electricity supply when not in use, always remove the plug from the socket-outlet.
- Switch off the machine before removing the plug.
- Keep the power supply cord clear of moving parts. During operation hazard may occur when running the machine over the power supply cord.
- The power supply cord must be regularly inspected for signs of damage. If the power supply cord is damaged, it shall only be replaced by the manufacturer, its service agent or a similar qualified person in order to avoid a hazard.
- Only replace the supply cord with the type specified in the instruction manual.
- Do not operate the machine with a damaged supply cord or plug, or after the machine malfunctions or is damaged in any way. Contact an authorised Service Agent for repair or adjustment.
- The plug of the power supply cord must be removed from the socket-outlet before commencing cleaning of the machine or undertaking maintenance operations.
- Do not kink or twist the power cord.
- Take care when using a machine near the top of stairs to avoid overbalancing.

1.2 Guidelines for the operator

WARNING

Operators must be fully trained in the use of the machine in accordance with these instructions, able to perform user maintenance and the correct selection of accessories.

- Operators should be physically capable to manoeuvre, transport and operate the machine.

- Operators should be able to recognise unusual operation of the machine and report any problems.
- Only use the machine on firm level surfaces.
- Wear suitable footwear to avoid slipping.
- Wear suitable clothing to keep dry and warm.
- Where possible implement job rotation and adequate rest periods to avoid continuous use of the same muscles.
- Do not leave machine running unattended
- Do not smoke when using the machine.
- Do not put any objects into openings. Do not use with any opening blocked: keep free of dust, debris, hair, or anything that may reduce air flow.

WARNING This machine is for dry use only.

CAUTION - This machine is for indoor use only and should not be used or stored outdoors or in wet conditions.

CAUTION - If it is suspected that there is hazardous dust or flammable materials stop cleaning the area immediately and consult your superior.

WARNING Only use accessories and spare parts provided with the machine or those approved by the manufacturer. The use of other accessories may impair the safety of the machine.

- Ensure the machine is switched off before adding or changing accessories.

1.3 Transporting the machine

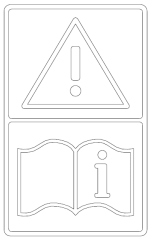
CAUTION – Incorrect lifting techniques may result in personal injury, where applicable do not lift large and heavy machines without assistance. We advise that the manual handling regulations are followed.
Please refer to the technical table for details on weight of machine.

When transporting the machine ensure that all components, tanks and removable parts are securely fastened, and that the supply cord and plug are not trailing. Detach hose and wand from machine where applicable.

Take extreme care when moving the machine up or down steps or stairs.

1.4 Symbols & Markings

WARNING



WARNING – READ THESE INSTRUCTIONS BEFORE USING MACHINE

Earth symbol

2 Preparing for use

2.1 Electrical connection

Before connecting the machine to the power supply, check that your supply voltage corresponds with that marked on the rating label.

The power supply cord plus any extension leads should not exceed 30m in total, otherwise you may experience problems starting up the machine. The cross-section of any extension cable wiring must be at least 2,5 mm^2.

Should an extension cord be used, ensure cord rating is adequate for the equipment. Do not use extension cord in coiled condition as this could result in overheating of the cord.

UK only

The supply cord for 230v models is fitted with a plug containing a 13 amp fuse. Should the fuse require replacement it must only be replaced by a 13 amp fuse conforming to BS1362, and the fuse cover must be refitted. If the fuse cover is lost the plug must not be used until the correct replacement cover is fitted.

IMPORTANT - If the supply cord is damaged, it must only be replaced by a special cord available from the manufacturer or an authorised service agent.

WARNING – THIS APPLIANCE MUST BE EARTHED

3 Preparing for use

3.1 Fitting the handle

1. Carefully remove the machine base and handle from their respective packaging.
2. Check that the following items are present with the base:-
   - Vacuum skirt
   - Dust bag
   - M8 x 70 Bolt (3)
   - Nyloc Hex. nut (3)
   - Plain washer (6)
   - Spanner (2)
3. Take handle and remove tie from the knuckle pivot, ensuring that toothed gear does not fall out of housing when tie is removed.
4. With the handle held vertically and cable winder to the rear, lower pivot between the raised flanges on the machine base.
5. Align holes in pivot with those on the base and fit the three M8 bolts, washers and nuts, and tighten using the spanner and Allen key supplied (Fig.1).
6. Connect supply lead from handle to socket on side of motor housing.

4 Controls

The operating controls for all models are located on the handle (Fig 2).

1 - Switch trigger, left hand
Used to switch motor ON and OFF. Can only be operated with handle in working position, and if left hand interlock button (2) has previously been depressed

2 - Interlock button, left hand
This must be depressed initially to enable left hand switch trigger to switch motor on.

3 - Switch trigger, right hand
Used to switch motor ON and OFF. Can only be operated with handle in working position, and if right hand interlock button (4) has previously been depressed.

4 - Interlock button, right hand
This must be depressed initially to enable right hand switch trigger to switch motor on.

5 - Handle adjustment lever
Used to adjust handle to comfortable working height. **Note:** For safety reasons the machine cannot be operated unless the handle is moved to a working height.

Cable winder
Used to hold supply cord in place on handle when machine is not in use.

Neon indicator (on handle)
- Lights when the machine is connected to the power supply.

5 Fitting pads

WARNING - This appliance has been designed for use with the pads specified by the manufacturer. The fitting of other pads may affect its performance and safety.

Always ensure machine is unplugged before fitting or removing parts.

- Raise cleaning head by pulling handle backwards to rest on the floor.
- Unscrew central pad lock and remove with washer.
- Press cleaning pad onto drive disc, refit washer and pad lock and tighten (Fig 4).
- Return machine to upright position.
- **IMPORTANT - Never allow the cleaning head to rest on the pad when not in use.**

6 Adjusting the handle height

Select the most comfortable handle height using the adjustment lever as previously described (see **Controls**) and lock in position.

7 Operation

7.1 Starting the machine

- Fully unwind the supply cord from the handle and plug in to a convenient socket outlet. The neon indicator on the handle should light showing that power is available.
- With the handle set at a convenient working height and with both left and right hands on the handle, depress both interlock buttons with the thumbs and squeeze both switch triggers to start the machine (Fig 3).
- **WARNING - Never start the machine without pads fitted.**
- Once the machine has started the push buttons should be released. The machine will operate with either or both of the switch triggers held.
- To stop the machine release both switch triggers.
- Normal movement of the machine is in a **forward and backward** direction.

7.2 Polishing

- Fit pads suitable for the speed of the machine and the surface to be polished.
- Apply polish to the floor in accordance with the manufacturers instructions.
- **Do not keep the machine rotating on one spot for more than 5-10 seconds, as this could cause overheating and damage the floor surface.**

8 Storage

- Always unplug the machine after use.
- Wrap the supply cord around the handlebar and cable winder ensuring that the plug is not trailing on the floor.
- The machine should normally be stored with the handle in the fully upright position.
- Never store the machine with a pad fitted as this causes distortion, and results in instability during operation.
- Store the machine in a dry indoor area only.

9 Maintenance

WARNING - Before undertaking maintenance operations or adjustments switch off machine and unplug from the electricity supply.

The machine requires minimum maintenance apart from the following checks by a trained operator.

- **Supply cord** - Regularly inspect sheath, plug and cord anchorage for damage or loose connection. Only replace the supply cord with the type specified in these instructions.
- **Passive vacuum unit** - All dust bags must be changed regularly, and hose checked for blockage to avoid unsatisfactory results.

10 After Sales Service

Truvox machines are high quality machines that have been tested for safety by authorised technicians. It is always apparent that after longer working periods, electrical and mechanical components will show signs of wear and tear or ageing.

Under extreme or specialised conditions and/or insufficient maintenance, shorter maintenance intervals are necessary. Use only original Truvox spare parts. **Use of other spare parts will invalidate all warranty and liability claims.**

Should you require after sales service please contact the supplier from whom you purchased the machine, who will arrange service. Repairs and servicing of Truvox products should only be performed by trained staff. Improper repairs can cause considerable dangers to the user.

11 Guarantee

Your product is guaranteed for **two** year from the date of original purchase, or hire purchase, against defects in materials or workmanship during manufacture. Within the guarantee period we undertake at our discretion, to repair or replace free of charge to the purchaser, any part found to be defective, subject to the following conditions.

CONDITIONS

1. Claims made under the terms of the guarantee must be supported by the original invoice/bill of sale issued at the time of sale, or the machine Serial Number.
2. For claims under this guarantee contact the supplier from whom you purchased the product who will arrange the appropriate action. Do not initially return the product as this could result in transit damage.
3. Neither Truvox nor its distributors shall be liable for any incidental or consequential loss.
4. This guarantee is governed by the laws of England. This guarantee does not cover any of the following: Periodic maintenance, and repair or replacement of parts due to normal wear and tear.
5. This guarantee is governed by the laws of England. This guarantee does not cover any of the following: Periodic maintenance, and repair or replacement of parts due to normal wear and tear.
   - Damage caused by accident, misuse or neglect, or the fitting of other than genuine Truvox parts.
   - Defects in other than genuine Truvox parts, or repairs, modifications or adjustments performed by other than a Truvox service engineer or authorised service agent.
- Costs and risks of transport relating directly or indirectly to the guarantee of this product.
- Consumable items and wear parts such as drive belts.

This guarantee does not affect your statutory rights, nor your rights against the supplier arising from their sales or purchase contract.

12 Waste Electrical & Electronic Equipment (WEEE)

Do not dispose of this device with unsorted waste. Improper disposal may be harmful to the environment and human health.

Please refer to your local waste authority for information on return and collection systems in your area.

13 Technical specification

All models : Class I construction. Enclosure to IPX0. Fitted with 20m supply cord type H05VV-F 3x1.0mm² (10A), and non rewireable plug.

Model		OB431500	OB501500
Working width	cm	43	50
Pad diameter	cm	43	50
Pad pressure	gm/cm²	5.5	4
Voltage a.c. - 50Hz	V	230	230
Voltage d.c. - 50/60Hz	V	•	•
Motor speed	rpm	1500	1500
Motor rating	W	1100	1100
Handle height	cm	125	125
Weight	kg	34	34.5
Noise level (Passive vacuum) (*see note 1*)	dB(A)	65	65
Handle vibration (*see note 2)*	m/s²	< 2.5	< 2.5
Vacuum bag capacity	ltr	1	1

1 Noise levels measured at a distance of 0.25 metre from machine and 1,5 metres above floor, when scrubbing a hard floor. Measurements recorded using a hand held meter.

2 Handle vibration does not exceed 2,5 m/s², when operating on any surface with brush or pads.
Measurements recorded by an independent test laboratory

14 Accessories

Item	Part No. OB431500	Part No. OB501500	Part No. OB502000
Vacuum skirt	05-3766-0000	05-3767-0000	05-3767-0000
Paper bag (5 pack) (passive system)		06-0207-0000	
Micro filter cloth bag (passive system)		03-6703-0000	
Dust collection box		03-6705-0000	

IMPORTANT : Genuine accessories are only available from authorised Service Agents or Truvox Customer Service Deptartment.

15 Fault diagnosis

WARNING - Before undertaking maintenance operations or adjustments switch off machine and unplug from the electricity supply.

The following simple checks may be performed by the operator.

Trouble	**Reason**	**Remedy**
Machine not working, neon indicator not lit.	- Lack of voltage/electrical supply.	- Check fuse *, supply cord, plug and socket outlet.
Machine not working, neon indicator lit.	- Switch interlock incorrectly operated. - Loose connection to motor.	- Check operating procedure in instructions. - Check motor lead connector is fully inserted into motor socket.
Machine wobbles or vibrates excessively.	- Pad worn or damaged. - Pad dirty. - Pad loose.	- Renew pad. - Clean the pad. - Tighten pad lock.

* If the fuse blows several times, the machine should be checked by an authorised Service Agent.

16 Parts Lists & Diagrams

UHS Orbis 17" 1500 rpm Base Assembly Service Parts List

Used on Truvox Machine (OB431500) 230v 50hz (Series D) Serial Numbers 03500 Onwards

Model Ref.:- 05-3781-0000

Service Parts List Issue 6 Dated 18th June 2009

Ref. Drawing 09-1053-0000 Issue B Dated 18th June 2009

Drawing Ref.	Current Part Number	Description	Qty
1	02-3121-0000	WHEEL 8IN	2
2	02-4011-0000	INTERNAL CIRCLIP	1
3	02-4541-0000	SPRING (PART OF 10-0020-0000)	2
4			
5			
6	02-3846-0000	BEARING 6005-2RS (PART OF 10-0020-0000)	2
7	02-3847-0000	BEARING 6003-2RS	1
8	02-3848-0000	BEARING 626-2RS	2
9	02-3856-0000	UHS ORBIS DRIVE BELT	1
10	02-4494-0000	PLAIN BEARING 8 X 10MM (PART OF 10-0020-0000)	3
11	02-4496-0000	O-RING NITRILE 7.5 X 2MM	3
12	02-4551-0000	SNAP HOOK BLACK PLASTIC *NOT SHOWN*	1
13	02-3853-0000	PAD CENTRE LOCK (PART OF 05-4085-0000)	1
14			
15			
16	03-5307-0000	IDENT LABEL COVER - SELF ADH. VINYL SIZE 75x50 *NOT SHOWN*	1
17	03-5866-0000	DATA PLATE *NOT SHOWN*	1
18	03-5869-0056	YELLOW LABEL BLANK 50MM X 100MM *NOT SHOWN*	1
19	03-6080-0035	HUB CAP WATER BLUE	2
20	03-6102-0027	BRUSH GUARD 17"	1
21	03-6111-0000	VAC SKIRT PVC EXTRUSION	1
22	03-6126-0000	INSPECTION AND TEST RECORD TAG *NOT SHOWN*	1
23	03-6149-0000	ORBIS WHEEL CAP LABEL *NOT SHOWN*	2
24			
25	03-6681-0035	UHS ORBIS BASE MOULD (WATER BLUE)	1
26	03-6682-0027	UHS ORBIS MOTOR COVER (ANTHRACITE GREY)	1
27	03-6683-0035	ORBIS UHS FAN COVER (WATER BLUE)	1
28	03-6685-0057	UHS ORBIS DUST COLLECTION BOX (ORANGE)	1
29			
30	03-6703-0000	UHS ORBIS MATERIAL VAC BAG	1
31	03-6712-0000	UHS ORBIS 1500 DECAL (FAN COVER) *NOT SHOWN*	1
32	03-6714-0000	UHS ORBIS STUB AXLE	2
33	03-6718-0000	UHS ORBIS DRIVE PULLEY SLEEVE (PART OF 10-0020-0000)	1
34	03-6719-0000	UHS ORBIS DRIVE SPINDLE	1
35	03-6720-0000	UHS ORBIS URETHANE WHEEL	1
36	03-6721-0000	UHS ORBIS CASTER CAGE	1
37	03-6722-0000	UHS ORBIS BEARING SLEEVE	1
38	03-6723-0000	UHS ORBIS MOTOR MOUNT PLATE	1
39	03-6725-0000	UHS ORBIS MOTOR PULLEY	1
40	03-7639-0000	ORBIS UHS PACKAGING CARTON *NOT SHOWN*	1
41	03-7821-0000	ORBIS UHS Multilingual Instructions *NOT SHOWN*	1
42	03-7928-0000	ORBIS UHS FLOATING ADAPTOR (PART OF 10-0020-0000)	1
43	03-7929-0000	ORBIS UHS DRIVE PULLEY (PART OF 10-0020-0000)	1
44	04-3228-0000	RUN CAPACITOR 32uF	1
45	04-3230-0000	START CAPACITOR 80 Uf	1
46	04-3150-0000	MOTOR RELAY	1
47	04-0279-0000	CABLE TIE	2
48	04-3235-0000	SNAP IN C14 APPLIANCE INLET	1
49	04-3909-0000	MOTOR 230V 50Hz 1100W 4 POLE	1
50	04-3911-0000	UHS ORBIS BASE WIRE KIT *NOT SHOWN*	1
51			
52	05-3766-0000	17" UHS VACUUM SKIRT ASSY	1
54	05-4085-0000	UHS PAD DRIVE ASSEMBLY 17"	1

55	**10-0020-0000**	ORBIS UHS FLOATING ADAPTOR ASSEMBLY 17" 1500 RPM	1
		FASTENERS	
60	**00-0400-0723**	M4 NYLOC NUT ST/ST	2
61	**00-0520-0111**	M5 x 20 HEX HEAD BOLT	1
62	**00-0416-0111**	M4 x 16 SCREW	1
63	**00-0600-0511**	M6 SPRING WASHER	2
64	**00-0600-0553**	M6 PLAIN WASHER ST/ST	2
65	**00-0600-0721**	M6 NYLOC NUT	6
66	**00-0600-0751**	M6 HALF NYLOC NUT	1
67	**00-0616-0031**	M6 x 16 COUNTER SINK POZI HD SCREW	6
68	**00-0616-0111**	M6 x 16 SCREW	2
69	**00-0635-0111**	M6 x 35 SCREW	6
70	**00-0800-0513**	M8 SPRING WASHER	5
71	**00-0800-0553**	M8 PLAIN WASHER ST/ST	5
72	**00-0800-0711**	M8 LOCKNUT	1
73	**00-0800-0721**	M8 FULL NYLOC NUT	1
74	**00-0816-0111**	M8 x 16 BOLT	4
75	**00-0830-0091**	M8 x 30 CAP HEAD SCREW	1
76	**00-0890-0121**	M8 x 90 BOLT	1
77	**00-2000-0501**	M20 PLAIN WASHER	1
78	**00-2000-0521**	M20 SHAKEPROOF WASHER	1
79	**00-2000-0701**	M20 NUT	1
80	**02-0254-0000**	STARLOCK WASHER	2
81	**02-3127-0111**	WASHER 1/4" x 3/4"	2
82	**02-3250-0000**	M8 SHAKEPROOF WASHER	1
83	**02-3434-0000**	12x1 POZI PAN HD SELF TAPPER	2
84	**02-3467-0000**	KB60 x 18 SELF TAPPER	3
85	**02-3515-0000**	KB60 x 40 SELF TAPPER	6
86	**02-3523-0000**	SHOULDER BOLT 40mm	3

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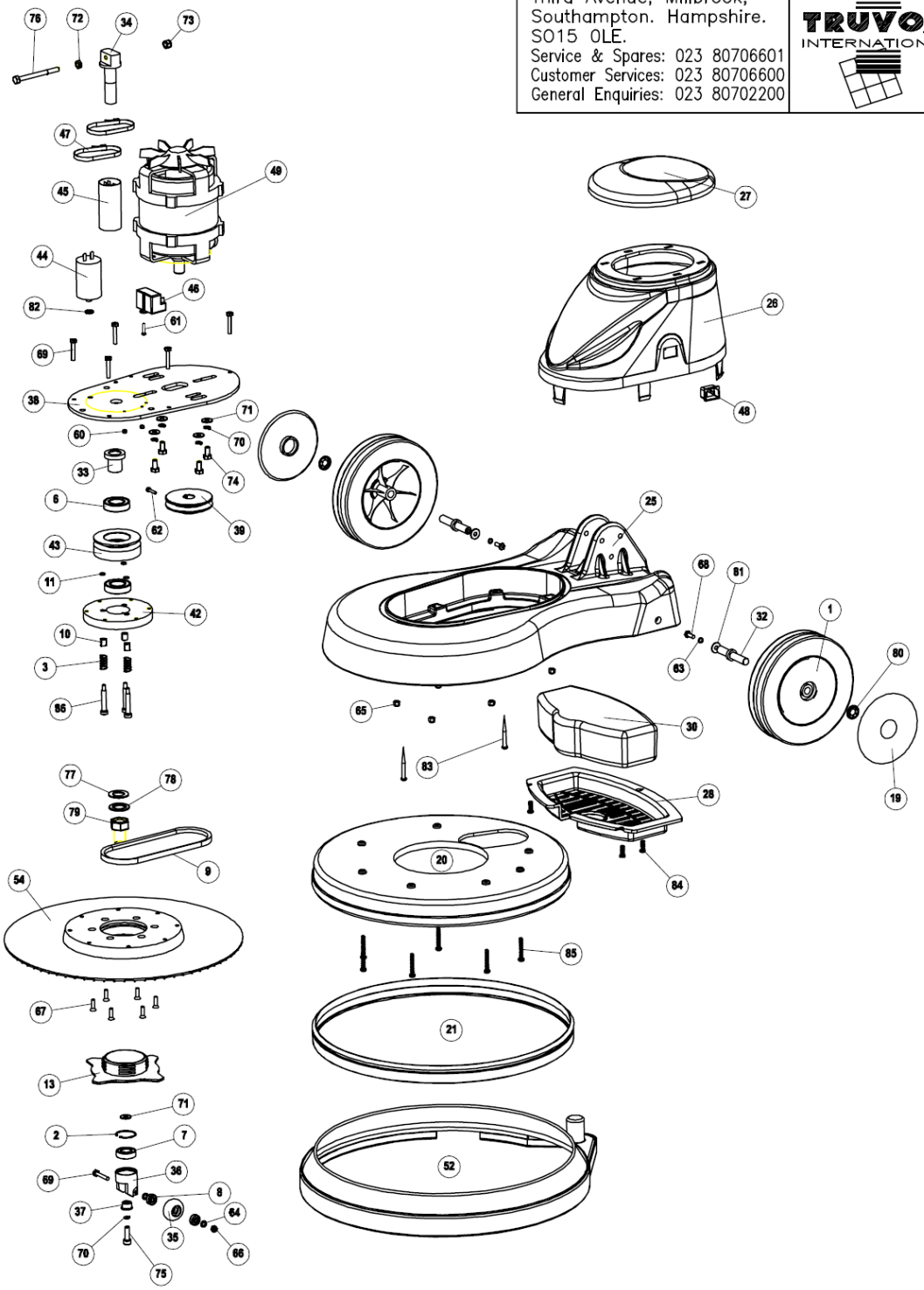
General Enquiries: 023 80702200

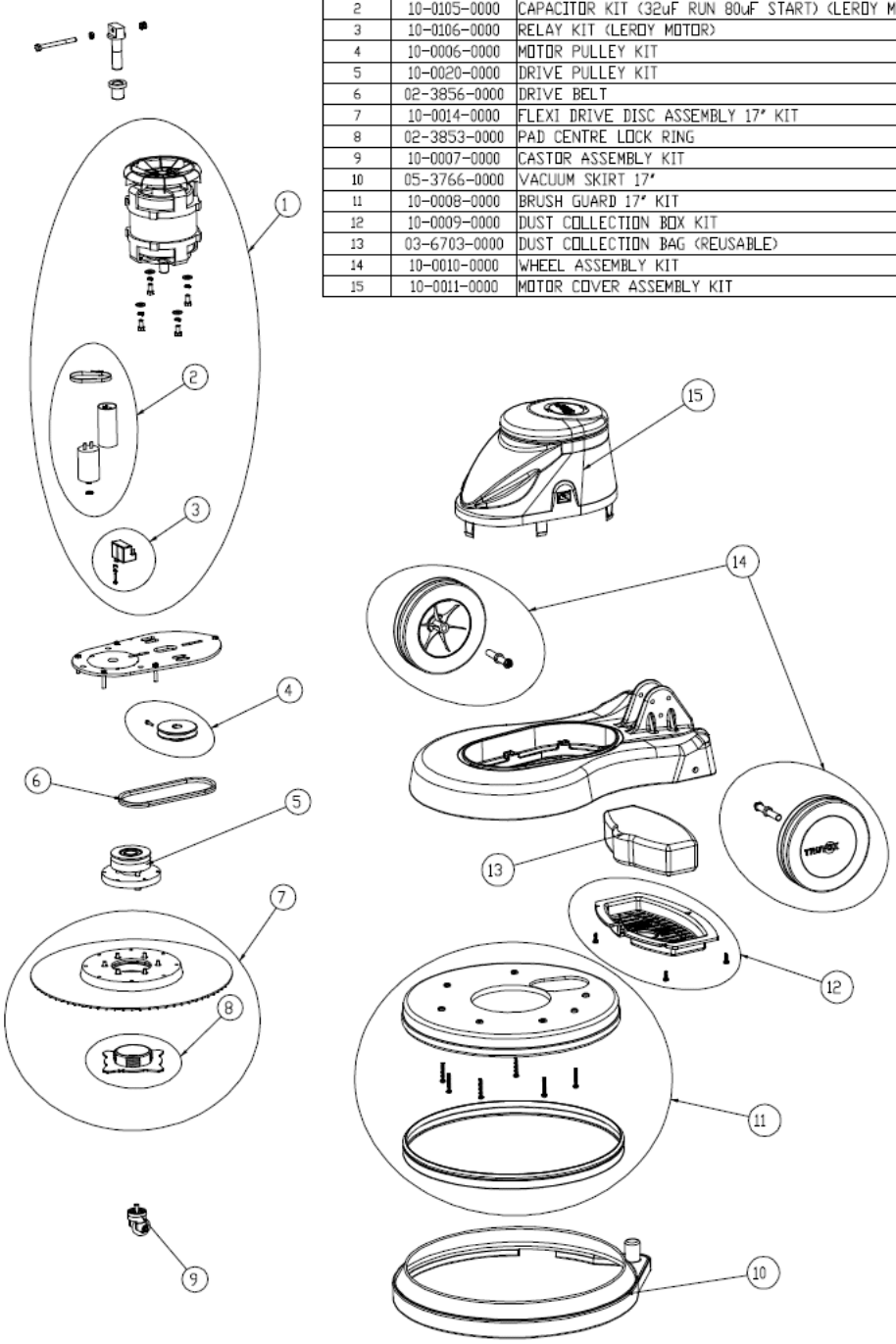
TRUVOX INTERNATIONAL



						SCALE NTS	TITLE ORBIS UHS 17" 1500 GENERIC BASE DRAWING	
18.06.09		B	Motor Change	MC	MC	CHECKED SJ		
13.12.05		A	NEW DRAWING	SJ	SJ	DRN SJ	PRODUCT UHS 1500	DRAWING/PART No 09–1053–0000 A4 SHEET 1 OF 1 SHEETS
DATE	CRO No	ISS	REVISION RECORD	DR	CHK			

PART No.
09-1114-0000

KIT NO.	PART NO.	DESCRIPTION
1	10-0104-0000	230V 50Hz MOTOR KIT LEROY
2	10-0105-0000	CAPACITOR KIT (32uF RUN 80uF START) (LEROY MOTOR)
3	10-0106-0000	RELAY KIT (LEROY MOTOR)
4	10-0006-0000	MOTOR PULLEY KIT
5	10-0020-0000	DRIVE PULLEY KIT
6	02-3856-0000	DRIVE BELT
7	10-0014-0000	FLEXI DRIVE DISC ASSEMBLY 17" KIT
8	02-3853-0000	PAD CENTRE LOCK RING
9	10-0007-0000	CASTOR ASSEMBLY KIT
10	05-3766-0000	VACUUM SKIRT 17"
11	10-0008-0000	BRUSH GUARD 17" KIT
12	10-0009-0000	DUST COLLECTION BOX KIT
13	03-6703-0000	DUST COLLECTION BAG (REUSABLE)
14	10-0010-0000	WHEEL ASSEMBLY KIT
15	10-0011-0000	MOTOR COVER ASSEMBLY KIT



ISSUE	C/N	CHANGES	INT	DATE
A	NA	NEW DRAWING	MC	22/06/09

MATERIAL: NA
FINISH: NA
GEN TOL: NA
SCALE: NTS
DRN: MDC
CKD: NN

TRUVOX™ INTERNATIONAL LIMITED

TITLE: UHS ORBIS 1500 17" KIT LIST

PART No. 09-1114-0000

UHS Orbis 20" 1500 rpm Base Assembly Service Parts List

Used on Truvox Machine (OB501500) 230v 50hz (Series D) Serial Numbers 03500 Onwards

Model Ref.:- 05-3782-0000

Service Parts List Issue 6 Dated 18th June 2009

Ref. Drawing 09-1054-0000 Issue B Dated 18th June 2009

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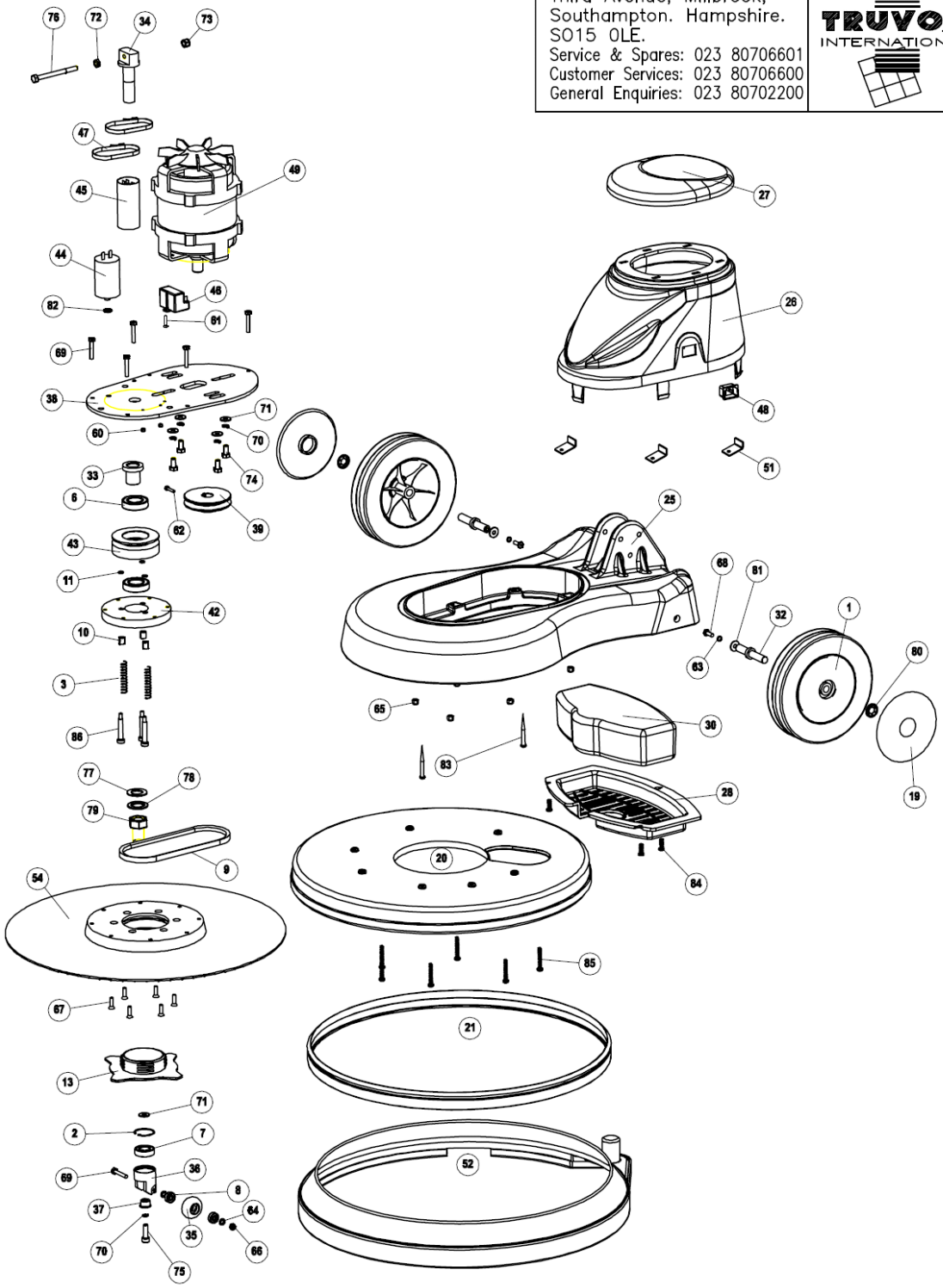
6	02-3846-0000	BEARING 6005-2RS (PART OF 10-0019-0000)	2
7	02-3847-0000	BEARING 6003-2RS	1
8	02-3848-0000	BEARING 626-2RS	2
9	02-3856-0000	UHS ORBIS DRIVE BELT	1
10	02-4494-0000	PLAIN BEARING 8 X 10MM (PART OF 10-0019-0000)	3
11	02-4496-0000	O-RING NITRILE 7.5 X 2MM (PART OF 10-0019-0000)	3
12	02-4551-0000	SNAP HOOK BLACK PLASTIC *NOT SHOWN*	1
13	02-3853-0000	PAD CENTRE LOCK (PART OF 05-4086-0000)	1
14			
15			
16	03-5307-0000	IDENT LABEL COVER - SELF ADH. VINYL SIZE 75x50 *NOT SHOWN*	1
17	03-5866-0000	DATA PLATE *NOT SHOWN*	1
18	03-5869-0056	YELLOW LABEL BLANK 50MM X 100MM *NOT SHOWN*	1
19	03-6080-0035	HUB CAP WATER BLUE	2
20	03-6684-0027	BRUSH GUARD 20"	1
21	03-6728-0000	VAC SKIRT PVC EXTRUSION	1
22	03-6126-0000	INSPECTION AND TEST RECORD TAG *NOT SHOWN*	1
23	03-6149-0000	ORBIS WHEEL CAP LABEL *NOT SHOWN*	2
24			
25	03-6681-0035	UHS ORBIS BASE MOULD (WATER BLUE)	1
26	03-6682-0027	UHS ORBIS MOTOR COVER (ANTHRACITE GREY)	1
27	03-6683-0035	ORBIS UHS FAN COVER (WATER BLUE)	1
28	03-6685-0057	UHS ORBIS DUST COLLECTION BOX (ORANGE)	1
29			
30	03-6703-0000	UHS ORBIS MATERIAL VAC BAG	1
31	03-6712-0000	UHS ORBIS 1500 DECAL (FAN COVER) *NOT SHOWN*	1
32	03-6714-0000	UHS ORBIS STUB AXLE	2
33	03-6718-0000	UHS ORBIS DRIVE PULLEY SLEEVE (PART OF 10-0019-0000)	1
34	03-6719-0000	UHS ORBIS DRIVE SPINDLE	1
35	03-6720-0000	UHS ORBIS URETHANE WHEEL	1
36	03-6721-0000	UHS ORBIS CASTER CAGE	1
37	03-6722-0000	UHS ORBIS BEARING SLEEVE	1
38	03-6723-0000	UHS ORBIS MOTOR MOUNT PLATE	1
39	03-6725-0000	UHS ORBIS MOTOR PULLEY	1
40	03-7639-0000	ORBIS UHS PACKAGING CARTON *NOT SHOWN*	1
41	03-7821-0000	ORBIS UHS Multilingual Instructions *NOT SHOWN*	1
42	03-7928-0000	ORBIS UHS FLOATING ADAPTOR (PART OF 10-0019-0000)	1
43	03-7929-0000	ORBIS UHS DRIVE PULLEY (PART OF 10-0019-0000)	1
44	04-3228-0000	RUN CAPACITOR 32uF	1
45	04-3230-0000	START CAPACITOR 80 Uf	1
46	04-3150-0000	MOTOR RELAY	1
47	04-0279-0000	CABLE TIE	2
48	04-3235-0000	SNAP IN C14 APPLIANCE INLET	1
49	04-3909-0000	MOTOR 230V 50Hz 1100W 4 POLE	1
50	04-3911-0000	UHS ORBIS BASE WIRE KIT *NOT SHOWN*	1
51	N/A		
52	05-3767-0000	20" UHS VACUUM SKIRT ASSY	1
53			1
54	05-4086-0000	UHS PAD DRIVE ASSEMBLY 20"	1

55	10-0019-0000	ORBIS UHS FLOATING ADAPTOR ASSEMBLY 20" 1500 RPM	1
		FASTENERS	
60	00-0400-0723	M4 NYLOC NUT ST/ST	2
61	00-0520-0111	M5 x 20 HEX HEAD BOLT	1
62	00-0416-0111	M4 x 16 SCREW	1
63	00-0600-0511	M6 SPRING WASHER	2
64	00-0600-0553	M6 PLAIN WASHER ST/ST	2
65	00-0600-0721	M6 NYLOC NUT	6
66	00-0600-0751	M6 HALF NYLOC NUT	1
67	00-0616-0031	M6 x 16 COUNTER SINK POZI HD SCREW	6
68	00-0616-0111	M6 x 16 SCREW	2
69	00-0635-0111	M6 x 35 SCREW	6
70	00-0800-0513	M8 SPRING WASHER	5
71	00-0800-0553	M8 PLAIN WASHER ST/ST	5
72	00-0800-0711	M8 LOCKNUT	1
73	00-0800-0721	M8 FULL NYLOC NUT	1
74	00-0816-0111	M8 x 16 BOLT	4
75	00-0830-0091	M8 x 30 CAP HEAD SCREW	1
76	00-0890-0121	M8 x 90 BOLT	1
77	00-2000-0501	M20 PLAIN WASHER	1
78	00-2000-0521	M20 SHAKEPROOF WASHER	1
79	00-2000-0701	M20 NUT	1
80	02-0254-0000	STARLOCK WASHER	2
81	02-3127-0111	WASHER 1/4" x 3/4"	2
82	02-3250-0000	M8 SHAKEPROOF WASHER	1
83	02-3434-0000	12x1 POZI PAN HD SELF TAPPER	2
84	02-3467-0000	KB60 x 18 SELF TAPPER	3
85	02-3515-0000	KB60 x 40 SELF TAPPER	6
86	02-3523-0000	SHOULDER BOLT 40mm	3

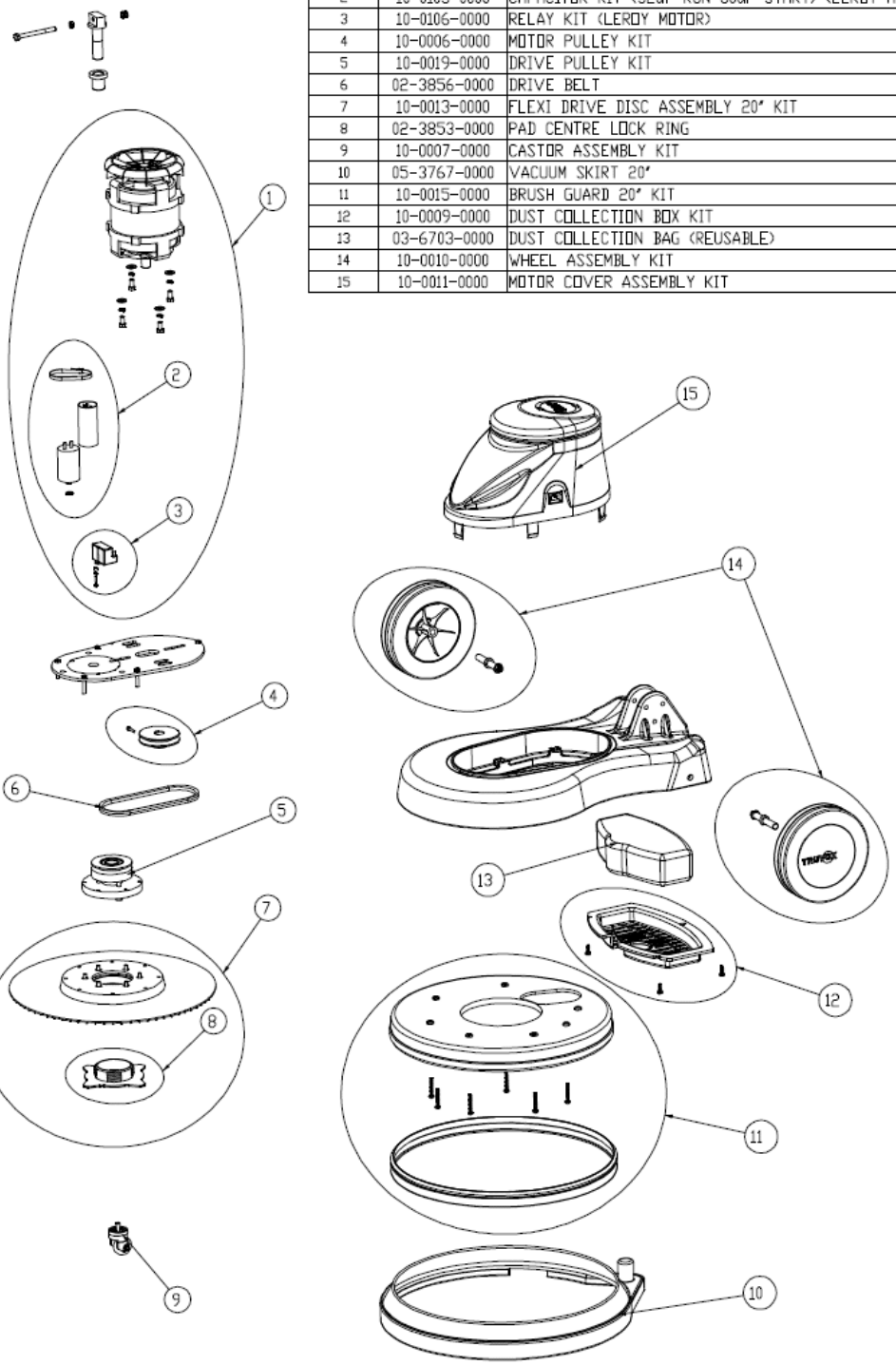
Truvox International Ltd.,
Third Avenue, Millbrook,
Southampton. Hampshire.
SO15 0LE.
Service & Spares: 023 80706601
Customer Services: 023 80706600
General Enquiries: 023 80702200

TRUVOX INTERNATIONAL



						SCALE NTS	TITLE ORBIS UHS 20" 1500 GENERIC BASE DRAWING
18.06.09		B	MOTOR CHANGE	MC	MC	CHECKED SJ	
13.12.05		A	NEW DRAWING	SJ	SJ		PRODUCT UHS 1500 / DRAWING/PART No 09-1054-0000 / A4 / SHEET 1 OF 1 SHEETS
DATE	CRO No	ISS	REVISION RECORD	DR	CHK	DRN SJ	

PART No.
09-1115-0000



KIT NO.	PART NO.	DESCRIPTION
1	10-0104-0000	230V 50Hz MOTOR KIT LEROY
2	10-0105-0000	CAPACITOR KIT (32uF RUN 80uF START) (LEROY MOTOR)
3	10-0106-0000	RELAY KIT (LEROY MOTOR)
4	10-0006-0000	MOTOR PULLEY KIT
5	10-0019-0000	DRIVE PULLEY KIT
6	02-3856-0000	DRIVE BELT
7	10-0013-0000	FLEXI DRIVE DISC ASSEMBLY 20" KIT
8	02-3853-0000	PAD CENTRE LOCK RING
9	10-0007-0000	CASTOR ASSEMBLY KIT
10	05-3767-0000	VACUUM SKIRT 20"
11	10-0015-0000	BRUSH GUARD 20" KIT
12	10-0009-0000	DUST COLLECTION BOX KIT
13	03-6703-0000	DUST COLLECTION BAG (REUSABLE)
14	10-0010-0000	WHEEL ASSEMBLY KIT
15	10-0011-0000	MOTOR COVER ASSEMBLY KIT

ISSUE	C/N	CHANGES	INT	DATE	MATERIAL: NA	GEN TOL: N/A	TRUVOX™ INTERNATIONAL LIMITED	
A	NA	NEW DRAWING	MC	22/06/09	FINISH: NA	SCALE: NTS	TITLE: UHS ORBIS 1500 20" KIT LIST	PART No.: 09-1115-0000
						DRN: MIC / CKD: MN		

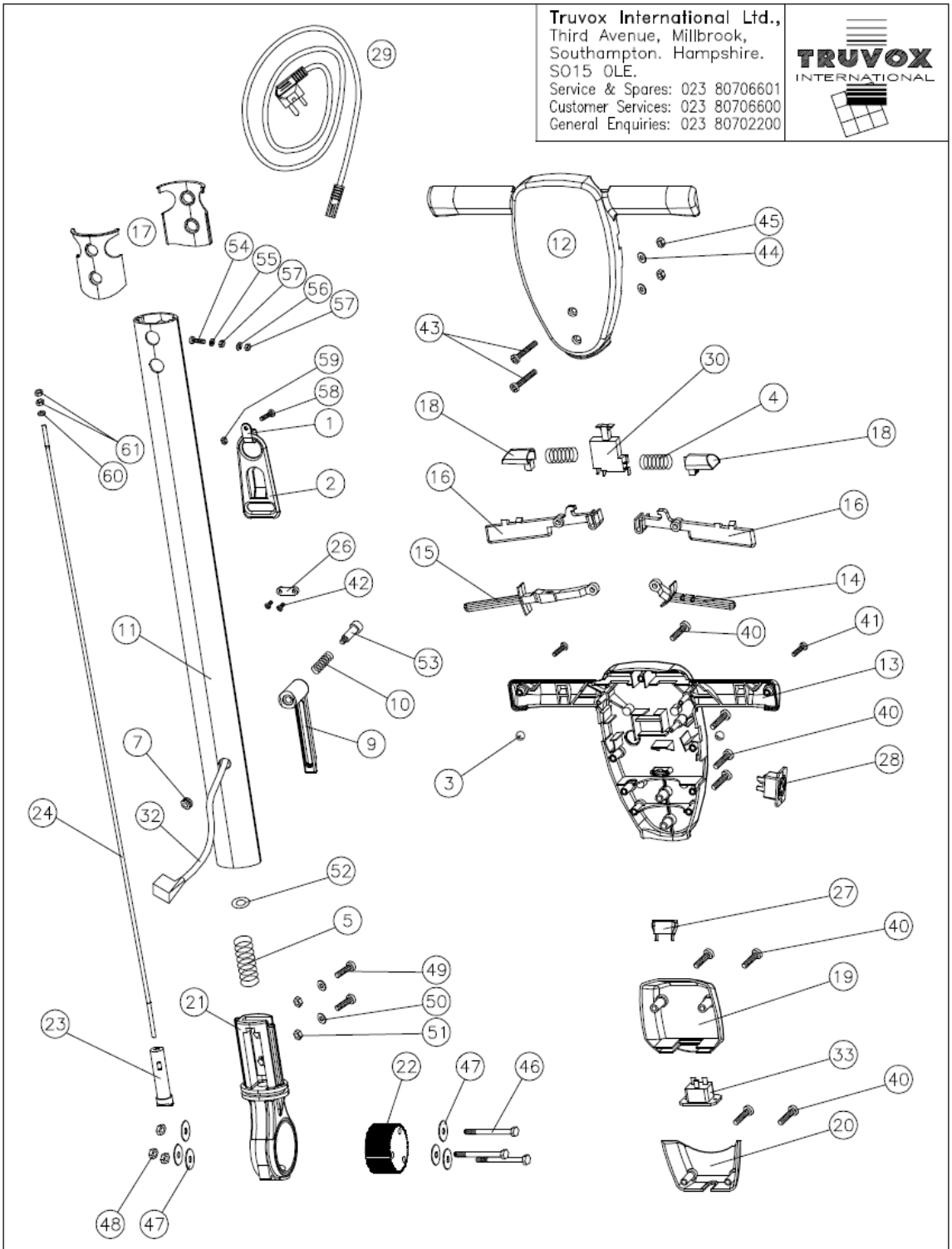
Ultra High Speed Orbis Handle Assembly Service Parts List

Model Ref.:- 05-3779-0000 (UK Plug) & 05-3780-0000 (Euro Plug)

Service Parts List Issue 3 Dated 18th-June-2009

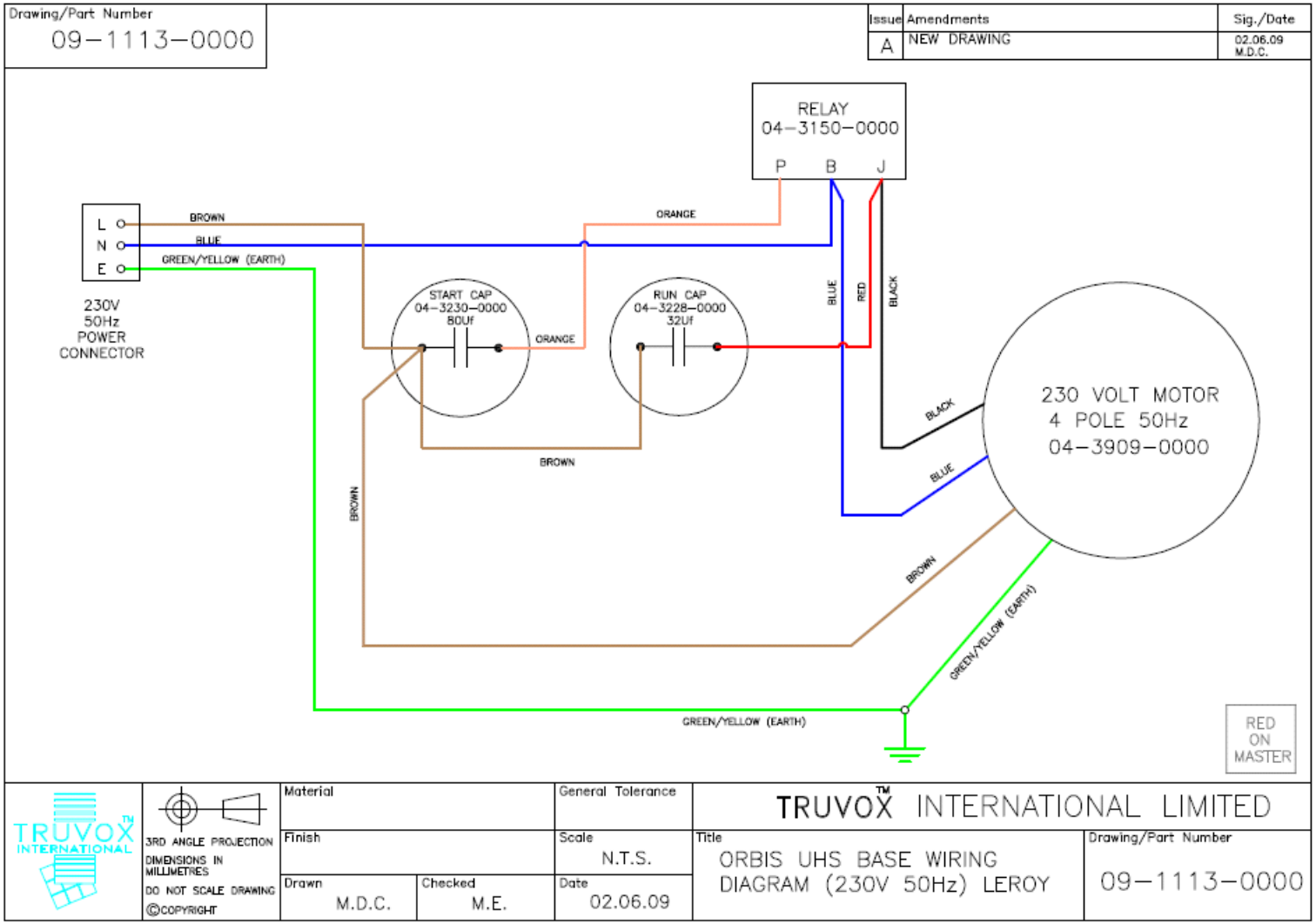
Ref. Drawing 09-1002-0000 Issue A Dated 10-May-2001

Drawing Ref.	Current Part Number	Description	Qty
1	02-3151-0000	P Clip	1
2	02-3152-0000	Cable Strain Relief Bracket	1
3	02-3186-0000	Ball bearing	2
4	02-3510-0000	Handle Interlock Spring	2
5	02-3511-0000	Gear dog Spring	1
6			
7	02-3520-0000	Diaphragm Grommet	1
8	02-3521-0000	13mm Spanner for ORBIS **(Not Shown)**	2
9	03-5403-0000	Cable winder	1
10	03-5410-0000	Cable Winder Spring	1
11	03-6085-0000	Tube - handle aluminium ext.	1
12	03-6086-0027	Handle main - front	1
13	03-6087-0027	Handle main - rear	1
14	03-6088-0035	Solution Lever	1
15	03-6089-0035	Gear lever	1
16	03-6090-0035	Trigger left and right	2
17	03-6091-0000	Handle Rubber boot	2
18	03-6092-0035	Interlock	2
19	03-6093-0027	Cord inlet box	1
20	03-6094-0027	Cord retainer	1
21	03-7831-0000	Knuckle Moulding	1
22	03-6096-0000	Gear	1
23	03-6097-0000	Dog	1
24	03-6098-0000	Adjusting Gear Rod	1
25	03-6120-0000	Instruction Manual **(Not Shown)**	1
26	04-0237-0000	Cable clamp	1
27	04-3254-0000	Neon Indicator Green	1
28	04-0277-0000	Shuttered Outlet Socket Black	1
29a	04-3407-0000	UHS 20M Supply Cord Set	1
29b	04-3408-0000	UHS Europlug 20M Supply Cord Set	1
30	04-3237-0000	Switch	1
31	04-3239-0000	Handle Wiring Kit **(Not Shown)**	1
32	04-3679-0000	UHS Extended Drop lead	1
33	04-3242-0000	16Amp Inlet Socket	1
		Fasteners	
40	02-3516-0000	Self Tapper (Main Handle / Cord Inlet Box)	11
41	02-3517-0000	Self Tapper (Handle Ends)	2
42	02-3518-0000	Self Tapper (Cable Clamps)	2
43	00-0655-0011	Handle Tube Fix M6 x 55 Pozi Pan Head Screw	2
44	00-0600-0521	Handle Tube Fix M6 Shakeproof	2
45	00-0600-0701	Handle Tube Fix M6 Full Nut	2
46	00-0870-0121	Handle Attachment Bolt M8 x 70 Hex Head Bolt	3
47	02-0223-0000	Handle Attachment Washer Zinc Washer 5/16" x 1 1/4"	6
48	00-0800-0751	Handle Attachment Nut M8 Type "T" 1/2 Nyloc Nut	3
49	00-0816-0111	Knuckle Bolt M8 x 16 Hex Head	2
50	00-0800-0501	Knuckle Washer M8 "A" Form Washer	2
51	00-0800-0731	Knuckle Nut M8 Binx Nut	2
52	00-1020-0501	Knuckle Spring Spacer Washer M10 Washer	1
53	02-3523-0000	New Cable Winder Bolt Socket Shoulder Bolt M6 x 8 x 40	1
54	00-0520-0111	Earth Mount on Handle M5 x 20 Hex Head	1
55	00-0500-0531	Earth Mount on Handle Serrated Washer M5 External	1
56	00-0500-0511	Earth Mount on Handle Spring Washer M5 Single Coil	1
57	00-0500-0701	Earth Mount on Handle Fixing Nuts M5 Full Nut	2
58	00-0520-0111	Cable Restraint Bolt M5 x 20 Hex Head Screw	1
59	00-0500-0701	Cable Restraint Nut M5 Full Nut	1
60	00-0500-0501	Gear Rod Washer M5 Washer	1
61	00-0500-0701	Gear Rod Nuts M5 Full Nut	2

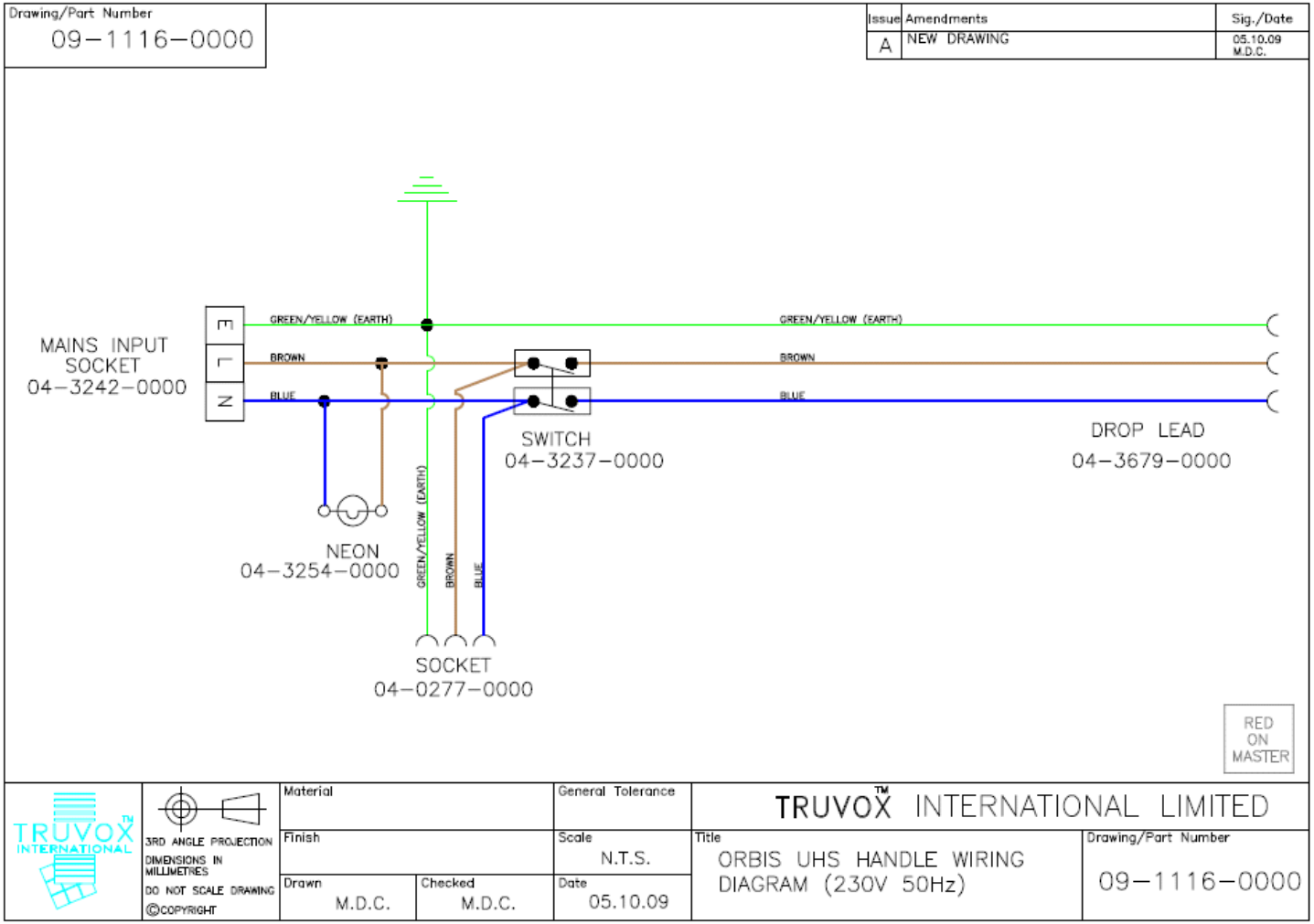


						SCALE NTS	TITLE G.A			
						CHECKED				
10.05.01	–	A	NEW DRAWING	CL		DRN CML 10.5.01	PRODUCT ORBIS HANDLE ASSY.	DRAWING/PART No 09–1002–0000	A4	SHEET 1 OF 1 SHEETS
DATE	CRO No	ISS	REVISION RECORD	DR	CHK					

17 Base wiring diagram



18 Handle wiring diagram



19 Declaration of Conformity

EC Declaration of Conformity

We, Truvox International Ltd.

of Third Avenue, Millbrook,
Southampton, Hampshire
England
SO15 0LE

declare that the machinery

Make : Mains powered floor burnishers
Type : Orbis UHS
Model : OB431500..., OB501500…

Serial Number : from 000001
Year of Construction : 2010

has been manufactured using the following transposed harmonised European Standards and technical specifications.

Ref No	Title
2006/42/EC	Machinery Directive and subsequent amendments
2006/95/EC	The Low Voltage Directive and subsequent amendments
BS EN 60335-1	
BS EN 60335-2-67	
2004/108/EC	The EMC Directive and subsequent amendments
EN61000-3-2	
EN61000-3-3	
EN55014-1	
EN55014-2	

Signed in : SOUTHAMPTON, England

on the 29th day of December 2009

Signature :

CE

Name : David Overell
Position : Managing Director

Technical file: OrbisUHS1500 Iss. 1
Mark Campbell
Product Support Manager

Authorised dealer:

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e-mail: truvox@truvox.com Web: www.truvox.com

A Tacony Company